

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------------------|------------------|---------|------------------|
| S1 | 1915 | 385/43,115,116,121.ccls. | USPAT | OR | OFF | 2007/06/29 11:42 |
| S2 | 765 | S1 and taper\$4 | USPAT | OR | OFF | 2005/07/18 11:30 |
| S3 | 256 | S1 and (taper\$4 and bundl\$4) | USPAT | OR | OFF | 2005/07/19 09:05 |
| S4 | 22 | S1 and (taper\$4 and bundl\$4 and cleav\$4) | USPAT | OR | OFF | 2005/03/25 09:15 |
| S5 | 40 | S1 and (taper\$4 and bundl\$4 NEAR fuse\$4) | USPAT | OR | OFF | 2005/03/25 10:36 |
| S6 | 0 | S5 and (cleav\$4 NEAR (perpendicular or normal)) | USPAT | OR | OFF | 2005/03/25 10:37 |
| S7 | 0 | S5 and (cleav\$4 NEAR normal) | USPAT | OR | OFF | 2005/03/25 10:37 |
| S8 | 0 | S5 and (cleav\$4 NEAR perpendicular) | USPAT | OR | OFF | 2005/03/25 10:37 |
| S9 | 17 | S5 and perpendicular | USPAT | OR | OFF | 2005/03/25 11:43 |
| S10 | 1 | S5 and (glass NEar matrix) | USPAT | OR | OFF | 2005/03/25 11:43 |
| S11 | 2 | "5303373".pn. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/18 14:05 |
| S12 | 2 | "6477301".pn. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/18 11:14 |
| S13 | 3 | "3912362".pn. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/18 11:14 |
| S14 | 2207 | 385/43,115,116,121.ccls. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 12:55 |
| S15 | 18 | S14 and (((taper or tapered ot tapering) near2 (fiber or fibers or bundle or bundles)) with ((unfused or separate or detach or detachable or detached or detaching or separates or separating or separated or unfuse or free or uncoupled or uncouple or uncoupling or independent or loose or solitary) near2 (end or terminus or termination or terminal or boundry or input or output or outputs or inputs or terminals or fiber or fibers)))) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 11:47 |

EAST Search History

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| S16 | 23 | S14 and (((taper or tapered or tapering) near3 (fiber or fibers or bundle or bundles)) with ((unfused or separate or detach or detachable or detached or detaching or separates or separating or separated or unfuse or free or uncoupled or uncouple or uncoupling or independent or loose or solitary) near3 (end or terminus or termination or terminal or boundry or input or output or outputs or inputs or terminals or fiber or fibers))) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:02 |
| S17 | 53 | Bruesselbach.in. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/18 11:58 |
| S18 | 0 | "4115940".ccls. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 12:55 |
| S19 | 3 | "4115940".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 12:55 |
| S20 | 1 | "3190735".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 12:56 |
| S21 | 2 | "4076978".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 12:56 |
| S22 | 185 | S14 and (((taper or tapered or tapering) near3 (fiber or fibers or bundle or bundles)) and ((unfused or separate or detach or detachable or detached or detaching or separates or separating or separated or unfuse or free or uncoupled or uncouple or uncoupling or independent or loose or solitary) near3 (end or terminus or termination or terminal or boundry or input or output or outputs or inputs or terminals or fiber or fibers))) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:13 |
| S23 | 0 | "10893105".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:13 |
| S24 | 0 | "10893105".pran. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:13 |

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| S25 | 0 | "10/893105".pran. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:15 |
| S26 | 2 | "5396506".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:16 |
| S27 | 2 | "5936980".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:17 |
| S28 | 2 | "4932747".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/18 13:17 |
| S29 | 2 | "6827500".pn. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/18 14:05 |
| S30 | 14 | ("20030021547" "5032718" "5346583" "5394493" "5521996" "5550942" "5566262" "5675680" "6078714" "6328482" "6396995" "6478606" "6587618" "6595698").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/18 14:10 |
| S31 | 0 | ("6827500").URPN. | USPAT | OR | ON | 2005/07/18 14:11 |
| S32 | 19 | ("3190735" "3204326" "3626040" "3874783" "3933556" "4026693" "4076978" "4099833" "4175940" "4758064" "4911528" "4952022" "5011557" "5030265" "5045100" "5066087" "5077820").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/18 14:12 |
| S33 | 35683 | "385"/\$.ccls. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/19 08:22 |
| S34 | 14 | S33 and (((stretch or stretching or stretched or elongate or elongated or elongation or elongating or draw or drawing or drawn or pull or pulling or pulled or extend or extending or extension or extended) near2 (fiber or bundle or waveguide)) with ((couple or coupling or correlation or correlate or correlated) near4 (desired or desire or desiring or need or needed or required or require or requires or needs or desires or needing or requiring))) | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/19 08:29 |

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| S35 | 20 | S33 and (((stretch or stretching or stretched or elongate or elongated or elongation or elongating or draw or drawing or drawn or pull or pulling or pulled or extend or extending or extension or extended or fuse or fusing or fused) near2 (fiber or bundle or waveguide)) with ((couple or coupling or correlation or correlate or correlated) near4 (desired or desire or desiring or need or needed or required or require or requires or needs or desires or needing or requiring))) | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/19 08:30 |
| S36 | 6 | ("4723824" "4738511" "4755037" "4772085" "4779945" "4786130").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/19 08:43 |
| S37 | 3 | ("5150439").URPN. | USPAT | OR | ON | 2005/07/19 08:43 |
| S38 | 2 | "5303373".pn. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/07/19 08:46 |
| S39 | 16 | S33 and (((fiber or fibers or waveguide or waveguides) near2 (bundle or bundles or bundling or gather or gathering or gathered or grouped or grouping or group)) with ((fuse or fusing or fused or melt or melting or melted or heat or heated or heating) near2 (fiber or fibers or waveguide or waveguides)) with ((taper or tapering or tapered or draw or drawing or drawn) near3 (fiber or fibers or waveguide or waveguides)) and ((input or inputs or output or outputs or ends or end or fibers or fiber or bundle or bundles or terminals or terminus or termination) near5 (free or detach or detachable or detaching or detached or loose or loosened or loosen or uncouple or uncoupled or disconnected or disconnecting or disconnects or disconnect))) | USPAT | OR | OFF | 2005/07/19 09:23 |

EAST Search History

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|-----|---|---|-------|----|-----|------------------|
| S40 | 0 | (((fiber or fibers or waveguide or waveguides) near2 (bundle or bundles or bundling or gather or gathering or gathered or grouped or grouping or group)) with ((fuse or fusing or fused or melt or melting or melted or heat or heated or heating) near2 (fiber or fibers or waveguide or waveguides)) with (((taper or tapering or tapered) and (draw or drawing or drawn)) near3 (fiber or fibers or waveguide or waveguides)) with ((input or inputs or output or outputs or ends or end or fibers or fiber or bundle or bundles or terminals or terminus or termination) near5 (free or detach or detachable or detaching or detached or loose or loosened or loosen or uncouple or uncoupled or disconnected or disconnecting or disconnects or disconnect))) | USPAT | OR | OFF | 2005/07/19 09:24 |
| S41 | 0 | (((fiber or fibers or waveguide or waveguides) near5 (bundle or bundles or bundling or gather or gathering or gathered or grouped or grouping or group)) with ((fuse or fusing or fused or melt or melting or melted or heat or heated or heating) near5 (fiber or fibers or waveguide or waveguides)) with (((taper or tapering or tapered) and (draw or drawing or drawn)) near5 (fiber or fibers or waveguide or waveguides)) with ((input or inputs or output or outputs or ends or end or fibers or fiber or bundle or bundles or terminals or terminus or termination) near5 (free or detach or detachable or detaching or detached or loose or loosened or loosen or uncouple or uncoupled or disconnected or disconnecting or disconnects or disconnect))) | USPAT | OR | OFF | 2005/07/19 09:25 |

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|-----|----|---|--------------------------------|----|-----|------------------|
| S42 | 2 | ((((fiber or fibers or waveguide or waveguides) near5 (bundle or bundles or bundling or gather or gathering or gathered or grouped or grouping or group)) with ((fuse or fusing or fused or melt or melting or melted or heat or heated or heating) near5 (fiber or fibers or waveguide or waveguides)) with (((taper or tapering or tapered)) near5 (fiber or fibers or waveguide or waveguides)) with ((input or inputs or output or outputs or ends or end or fibers or fiber or bundle or bundles or terminals or terminus or termination) near5 (free or detach or detachable or detaching or detached or loose or loosened or loosen or uncouple or uncoupled or disconnected or disconnecting or disconnects or disconnect))) | USPAT | OR | OFF | 2005/07/19 09:25 |
| S43 | 3 | ((((fiber or fibers or waveguide or waveguides) near5 (bundle or bundles or bundling or gather or gathering or gathered or grouped or grouping or group)) with ((fuse or fusing or fused or melt or melting or melted or heat or heated or heating) near5 (fiber or fibers or waveguide or waveguides)) with (((taper or tapering or tapered)) near5 (fiber or fibers or waveguide or waveguides)) with ((input or inputs or output or outputs or ends or end or fibers or fiber or bundle or bundles or terminals or terminus or termination) near5 (free or detach or detachable or detaching or detached or loose or loosened or loosen or uncouple or uncoupled or disconnected or disconnecting or disconnects or disconnect))) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/07/19 09:25 |
| S44 | 3 | ("5045100").URPN. | USPAT | OR | ON | 2005/07/19 09:28 |
| S45 | 12 | ("3204326" "3224851" "3455625" "3681164" "3849219" "3933455" "3966447" "4116655").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/19 09:28 |
| S46 | 11 | ("3917383" "4203650" "4291940" "4330170" "4355863" "4439221" "4449781" "4591372" "4653845" "4709981" "4915469").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/19 09:30 |

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|-----|------|---|---|----|----|------------------|
| S47 | 11 | ("5175782").URPN. | USPAT | OR | ON | 2005/07/19 09:30 |
| S48 | 3 | ("5150439").URPN. | USPAT | OR | ON | 2005/07/19 09:32 |
| S49 | 6 | ("4723824" "4738511" "4755037" "4772085" "4779945" "4786130").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/19 09:32 |
| S50 | 11 | ("5058979" "5408555" "5491764" "5652819" "5809190" "5949936" "5956441" "5987201" "6148129" "6169830" "RE33296").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/19 09:32 |
| S51 | 4 | ("6363190").URPN. | USPAT | OR | ON | 2005/07/19 11:01 |
| S52 | 1 | "4932747".pn. | USPAT | OR | ON | 2005/07/19 11:01 |
| S53 | 2213 | (optical adj fiber) and ((stretching or stretch or lengthening or lengthens or stretches or stretched or elongate or elongation or elongates or elongated) same (coupling)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/28 10:22 |
| S54 | 575 | (optical adj fiber) and ((stretching or stretch or lengthening or lengthens or stretches or stretched or elongate or elongation or elongates or elongated) near5 (coupling)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/27 14:55 |
| S55 | 290 | S54 and "385"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/27 14:58 |
| S56 | 113 | S54 and "385"/\$.ccls. and (fiber near5 (tapered or taper or tapers or tapering)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/27 14:59 |
| S57 | 12 | (US-20050163443-\$ or US-20030123801-\$).did. or (US-4687284-\$ or US-5809190-\$ or US-5987201-\$ or US-6212318-\$ or US-6885787-\$ or US-6862386-\$ or US-6603903-\$ or US-6498879-\$ or US-6134362-\$ or US-5881189-\$). did. | US-PGPUB; USPAT | OR | ON | 2005/12/27 15:13 |
| S58 | 0 | S57 and ((detachable or detached or seperable or seperate) near5 (output or outputs or input or inputs or end or ends or terminus or termini)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/27 15:14 |

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| S59 | 4 | S57 and (fuse or fused) and (facet or cleave or cleaving or cutting or cut or cuts or cleaves) and (single near2 mode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/27 15:16 |
| S60 | 12 | (US-20050163443-\$ or US-20030123801-\$).did. or (US-4687284-\$ or US-5809190-\$ or US-5987201-\$ or US-6212318-\$ or US-6885787-\$ or US-6862386-\$ or US-6603903-\$ or US-6498879-\$ or US-6134362-\$ or US-5881189-\$). did. | US-PGPUB; USPAT | OR | ON | 2005/12/27 16:03 |
| S61 | 0 | S60 and facet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/27 16:04 |
| S62 | 9 | FBT and facet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/27 16:06 |
| S63 | 0 | (fused near4 bioconical near5 taper) and facet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/27 16:07 |
| S64 | 0 | (fused near4 biconical near5 taper) and facet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/27 16:07 |
| S65 | 6 | (fused near4 biconical near5 taper) and (cleave or cleaving or cleaved or cut or cutting or cuts) near4 (input or output or end or ends) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/27 16:07 |
| S66 | 8 | ("4367013" "4385802" "4504297" "4900119" "5113470" "5522007" "6416800" "6463684").PN. OR ("6885787"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/27 16:19 |
| S67 | 11 | ("4291940" "4426215" "4449781" "5339374" "5864644").PN. OR ("6134362").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/27 16:43 |
| S68 | 1 | "5303373".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/27 16:43 |

EAST Search History

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| S69 | 0 | (optical adj fiber) and ((stretching or stretch or lengthening or lengthens or stretches or stretched or elongate or elongation or elongates or elongated) same ((desireable or desired or wanted or preferred) near3 coupling)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/28 10:24 |
| S70 | 7 | (optical adj fiber) and ((stretching or stretch or lengthening or lengthens or stretches or stretched or elongate or elongation or elongates or elongated) same ((desirable or desired or wanted or preferred) near6 coupling)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/28 10:27 |
| S71 | 77 | (optical adj fiber) and ((stretching or stretch or lengthening or lengthens or stretches or stretched or elongate or elongation or elongates or elongated) same ((predetermined or desirable or desired or wanted or preferred) near6 coupling)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/28 10:27 |
| S72 | 70 | S71 not S70 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/28 10:31 |
| S73 | 0 | S72 and ((SMF or (single near2 mode)) same ((taper or tapered or tapering or tapers) and (polishing or polished or polish or polishes) and (cleaving or cleave or cut or cutting or cleaves or cleaved or cuts OR sever or severs or severed) and (fuse or fused or fuses))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/28 10:30 |
| S74 | 16 | (US-20050163443-\$ or US-20030123801-\$).did. or (US-4687284-\$ or US-5809190-\$ or US-5987201-\$ or US-6212318-\$ or US-6885787-\$ or US-6862386-\$ or US-6603903-\$ or US-6498879-\$ or US-6134362-\$ or US-5881189-\$ or US-6434302-\$ or US-6363190-\$ or US-5058979-\$ or US-4948217-\$). did. | US-PGPUB; USPAT | OR | ON | 2005/12/28 10:35 |
| S75 | 13 | S74 and ((single near2 mode) or SMF). | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/28 10:37 |

EAST Search History

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| S76 | 6 | S75 and (cleave or cleaved or cleaving or cut or cutting or cleaves or cuts) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/28 10:42 |
| S77 | 2 | "4932747".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/28 10:42 |
| S78 | 45 | ("3590248" "3600568" "3825336" "3926501" "3933455" "4272156" "4360372" "4464705" "4530565" "4656562" "4698084" "4744615" "4787013" "4812010").PN. OR ("4932747").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/28 10:42 |
| S79 | 20 | ("3808549" "4291940" "4815079" "4820010" "5170458" "5263036" "5268978" "5355426" "5459804" "5553179" "5864644" "6134362").PN. OR ("6434302").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/28 11:13 |
| S80 | 11 | ("4291940" "4426215" "4449781" "5339374" "5864644").PN. OR ("6134362").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/28 11:07 |
| S81 | 20 | ("3808549" "4291940" "4815079" "4820010" "5170458" "5263036" "5268978" "5355426" "5459804" "5553179" "5864644" "6134362").PN. OR ("6434302").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/28 11:13 |
| S82 | 735 | "385"/\$.ccls. and ((taper or tapering or tapered) same (cleave or cleaved or cleaves or cut or cuts)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/28 11:15 |
| S83 | 4 | S71 and S82 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/28 11:14 |
| S84 | 161 | S82 and (fiber near2 bundle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/28 11:15 |
| S85 | 105 | S82 and ((tapering or tapered or tapers or taper) same (fiber near2 bundle)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/28 11:16 |

EAST Search History

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| S86 | 45 | ("3590248" "3600568" "3825336" "3926501" "3933455" "4272156" "4360372" "4464705" "4530565" "4656562" "4698084" "4744615" "4787013" "4812010").PN. OR ("4932747").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/28 11:17 |
| S87 | 11 | ("4291940" "4426215" "4449781" "5339374" "5864644").PN. OR ("6134362").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/28 11:56 |
| S88 | 52 | Harootian | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/28 11:56 |
| S89 | 10 | S88 and taper | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/28 13:15 |
| S90 | 7 | "6134362" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/28 13:16 |
| S91 | 2 | "6515257".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/12/28 13:17 |
| S92 | 2 | "6515257".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/04/27 12:18 |
| S93 | 3 | ("4291940" or "4426215" or "5339374").pn. and mode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/04 13:14 |
| S94 | 325 | fus\$4 and taper\$4 and ((fibre or fiber) near3 bundle) and ((single near2 mode) or SMF) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/04 13:29 |
| S95 | 26 | ("20020094168" "4330170" "4449781" "4550974" "4666234" "4836644" "4906810" "4913507" "4997247" "5117473" "5190364" "5339372" "5412745" "5664037" "5809189" "5864644" "5966484" "6134362" "6408119" "6434295" "6434302" "6467969" "6546168" "6629784").PN. OR ("6823117").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 14:17 |

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| S96 | 2 | "4932747".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/04 14:28 |
| S97 | 34 | ("4932747").URPN. | USPAT | OR | ON | 2006/12/04 14:28 |
| S98 | 2 | "6571043".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/10 11:35 |
| S99 | 17 | ("3295910" "3644922" "3815986" "4116739" "4650280" "5376980" "5381502" "5400178" "5832168" "6219184" "6304703" "6396985").PN. OR ("6571043").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/10 11:37 |
| S10 0 | 48 | ("3590248" "3600568" "3825336" "3926501" "3933455" "4272156" "4360372" "4464705" "4530565" "4656562" "4698084" "4744615" "4787013" "4812010").PN. OR ("4932747"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/10 13:12 |
| S10 1 | 4601 | 385/115-121.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/10 13:32 |
| S10 2 | 175 | S101 and (fus\$4 and taper\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/10 13:44 |
| S10 3 | 120 | S102 and (@ad<"20040115") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/10 13:45 |

EAST Search History

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| S10 4 | 35 | ("2825260" "3043179" "3489482" "3825336" "4057338" "4101188" "4154515" "4482805" "4544259" "4815816" "4828348" "4923276" "4932747" "4983015" "5125064" "5127078" "5251280" "5453838" "5465315" "5502457" "5515470" "5546492" "5715345" "5838865" "5862285" "5966108" "6219184" "6219480" "6272155" "6385371" "6595674" "6631230").PN. OR ("7031579").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/10 13:35 |
| S10 5 | 1460 | "385"/\$.ccls. and ((fiber or fibre or bundle) with (fus\$4 and taper\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/10 14:54 |
| S10 6 | 1266 | S105 and (@ad<"20040115") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/10 13:45 |
| S10 7 | 0 | S106 not (S105 or S104 or S103 or S102 or S100 or S99 or S98) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/10 13:45 |
| S10 8 | 1180 | S106 not (S104 or S103 or S102 or S100 or S99 or S98) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/10 14:52 |
| S10 9 | 10 | ("20030202762" "5864644" "6043929" "6181465" "6411757" "6433927" "6434302" "6597711" "6606446").PN. OR ("6970624").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/10 13:59 |

EAST Search History

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|----------|----|--|---|----|----|------------------|
| S11 0 | 45 | ("20010020049" "4138194" "4515612" "4632513" "4689065" "4798436" "4798438" "5011252" "5104433" "5204927" "5205851" "5216731" "5217517" "5222167" "5223014" "5298291" "5302316" "5355426" "5405657" "5409777" "5730922" "5744514" "5787218" "5796893" "5822482" "5891930" "5985374" "6004477" "6018965" "6052503" "6063888" "6084999" "6112001" "6136880" "6148129" "6180741" "6220059" "6222973" "6258404" "6269680" "6272266" "6282343" "6298189" "6301412" "6310998").PN. OR ("6865322"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/10 14:01 |
| S11 1 | 7 | ("3779628" "5074633" "5295211" "5530781" "5742633" "5926496" "6275627").PN. OR ("6859582").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/10 14:04 |
| S11 2 | 45 | ("20010020049" "4138194" "4515612" "4632513" "4689065" "4798436" "4798438" "5011252" "5104433" "5204927" "5205851" "5216731" "5217517" "5222167" "5223014" "5298291" "5302316" "5355426" "5405657" "5409777" "5730922" "5744514" "5787218" "5796893" "5822482" "5891930" "5985374" "6004477" "6018965" "6052503" "6063888" "6084999" "6112001" "6136880" "6148129" "6180741" "6220059" "6222973" "6258404" "6269680" "6272266" "6282343" "6298189" "6301412" "6310998").PN. OR ("6741774"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/10 14:06 |
| S11 3 | 8 | (bruesselbach).in. and "385"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/10 14:52 |
| S11 4 | 0 | ("2004/0165827").URPN. | USPAT | OR | ON | 2007/01/10 14:53 |

EAST Search History

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| S11 5 | 51 | (US-20030123801-\$ or US-20050163443-\$ or US-20020054740-\$ or US-20020094168-\$ or US-20040001679-\$ or US-20050105854-\$ or US-20040252946-\$ or US-20030223693-\$).did. or (US-5883992-\$ or US-5987201-\$ or US-5809190-\$ or US-4687284-\$ or US-6862386-\$ or US-6498879-\$ or US-6212318-\$ or US-7016593-\$ or US-6363190-\$ or US-5058979-\$ or US-6885787-\$ or US-6603903-\$ or US-5881189-\$ or US-6467969-\$ or US-6134362-\$ or US-6434302-\$ or US-5408556-\$ or US-5195151-\$ or US-5175779-\$ or US-4932747-\$ or US-6707964-\$ or US-4948217-\$ or US-6954571-\$ or US-6571043-\$ or US-6385371-\$ or US-6272155-\$). did. or (US-5862285-\$ or US-5838865-\$ or US-4923276-\$ or US-3489482-\$ or US-5371826-\$ or US-5303373-\$ or US-7016573-\$ or US-5217517-\$ or US-5216731-\$ or US-6859582-\$ or US-6406197-\$ or US-6208678-\$ or US-5652819-\$ or US-5410626-\$ or US-5339374-\$ or US-5064267-\$ or US-4772085-\$). did. | US-PGPUB; USPAT | OR | ON | 2007/01/10 14:53 |
| S11 6 | 43 | S115 and (fus\$4 and taper\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/10 15:13 |
| S11 7 | 48 | ("3590248" "3600568" "3825336" "3926501" "3933455" "4272156" "4360372" "4464705" "4530565" "4656562" "4698084" "4744615" "4787013" "4812010").PN. OR ("4932747"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/10 15:12 |
| S11 8 | 33 | S115 and ((single-mode) or (single near2 mode) or SMF) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/10 15:15 |
| S11 9 | 7 | ("3779628" "5074633" "5295211" "5530781" "5742633" "5926496" "6275627").PN. OR ("6859582").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/10 15:26 |

EAST Search History

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| S12 0 | 0 | brusselbach.in. and "385"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/11 09:29 |
| S12 1 | 8 | bruesselbach.in. and "385"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/11 09:30 |
| S12 2 | 1 | "385"/\$.ccls. and (fluorosilicate with melt\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/11 09:52 |
| S12 3 | 2 | "385"/\$.ccls. and (fluorosilicate with (heat\$4 or soft\$4 or melt\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/11 09:55 |
| S12 4 | 208 | (fluorosilicate with (heat\$4 or soft\$4 or melt\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/11 09:55 |
| S12 5 | 31 | (fluorosilicate with (heat\$4 or soft\$4 or melt\$4)) and (fiber or fibre) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/11 09:55 |
| S12 6 | 1 | "5408556".pn. | USPAT | OR | OFF | 2007/06/29 11:42 |
| S12 7 | 33 | ("4360248" "4362357" "4522461" "4707062" "4714313" "4846543" "4986620" "5058978" "5101462" "5121452" "5138677" "5140655" "5166994" "5170451" "5171345" "5175779" "5175782" "5190364" "5195191" "5216731").PN. OR ("5408556").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/29 11:50 |
| S12 8 | 2150 | 385/43,115,116,121.ccls. | USPAT | OR | OFF | 2007/07/03 09:29 |

EAST Search History

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|----------|----|--|------------------------------|----|----|------------------|
| S12 9 | 33 | ("4360248" "4362357" "4522461" "4707062" "4714313" "4846543" "4986620" "5058978" "5101462" "5121452" "5138677" "5140655" "5166994" "5170451" "5171345" "5175779" "5175782" "5190364" "5195191" "5216731").PN. OR ("5408556").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/03 10:20 |
|----------|----|--|------------------------------|----|----|------------------|